

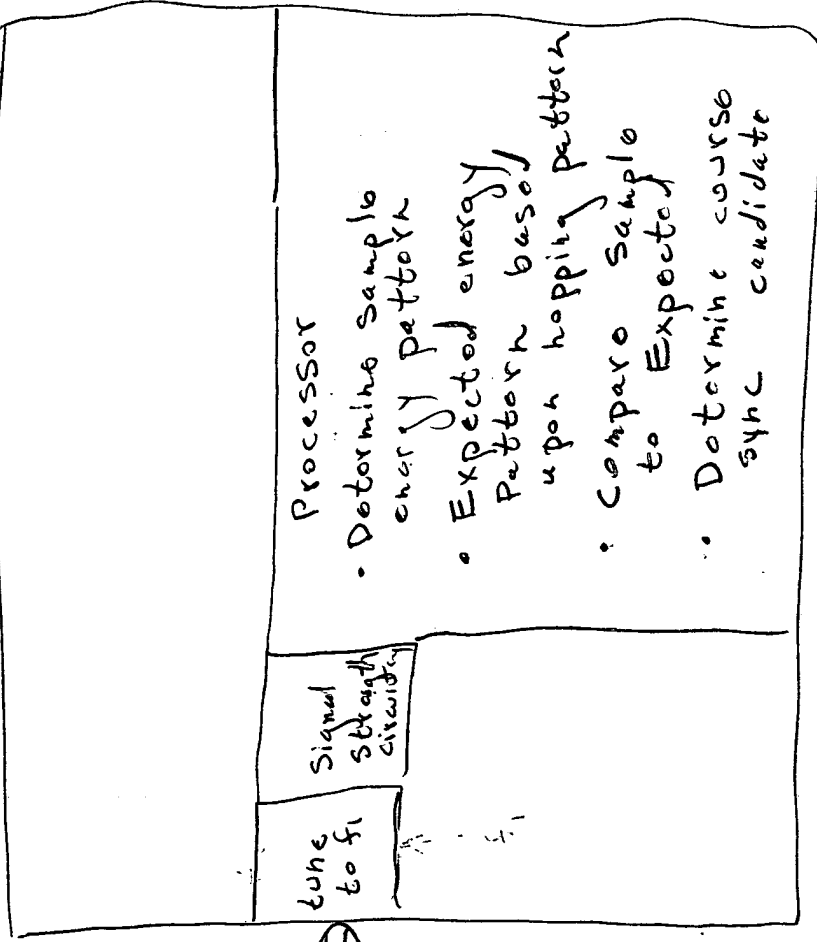
L Number	Hits	Search Text	DB	Time stamp
1	2	("6,490,262").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/29 14:04
2	2	("5,428,647").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/29 14:04
-	678	(370/337).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/29 14:03
-	107	((370/337).CCLS.) and (frequency near hop\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:42
-	1052	(370/347).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:42
-	122	((370/347).CCLS.) and (frequency near hop\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:42
-	2	((370/347).CCLS.) and (frequency near hop\$4) and (energy or power) same (time adj window)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:44
-	101	((370/347).CCLS.) and (frequency near hop\$4) and (energy or power)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:54
-	25	((370/347).CCLS.) and (frequency near hop\$4) and ((frequency adj select\$3) or (frequency adj tun\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 14:17
-	1378	(370/252).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:53
-	5	((370/252).CCLS.) and (frequency near hop\$4) and ((frequency adj select\$3) or (frequency adj tun\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:53
-	31	((370/252).CCLS.) and (frequency near hop\$4) and (energy or power)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:55
-	13	((370/252).CCLS.) and (frequency near hop\$4) same (energy or power)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:58
-	0	((370/252).CCLS.) and (frequency near hop\$4) same (energy or power) same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:59
-	637	(370/350).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:59
-	1	((370/350).CCLS.) and (frequency near hop\$4) same (energy or power) same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 09:59
-	5	((370/350).CCLS.) and (frequency near hop\$4) same (energy or power) and threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 10:19

-	211	(375/132).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 10:19
-	0	((375/132).CCLS.) and (frequency near hop\$4) same (energy or power) same (time adj window) same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 10:20
-	0	((375/132).CCLS.) and (frequency near hop\$4) same (energy or power) same (time adj window)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 10:20
-	37	((375/132).CCLS.) and (frequency near hop\$4) same (energy or power) and threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 10:31
-	211	(375/132).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 10:31
-	37	((375/132).CCLS.) and (frequency near hop\$4) same (energy or power) and threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 11:17
-	0	(370/137).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 11:17
-	52	(375/137).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 11:17
-	9	((375/137).CCLS.) and (frequency near hop\$4) same (energy or power) and threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 11:17
-	2	("6,532,223").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 15:02
-	2	("5,428,647").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/26 15:02

Claim 1 Method & Claim 10 first receiver

Claim 11  $\Rightarrow$  Radio with first Receiver

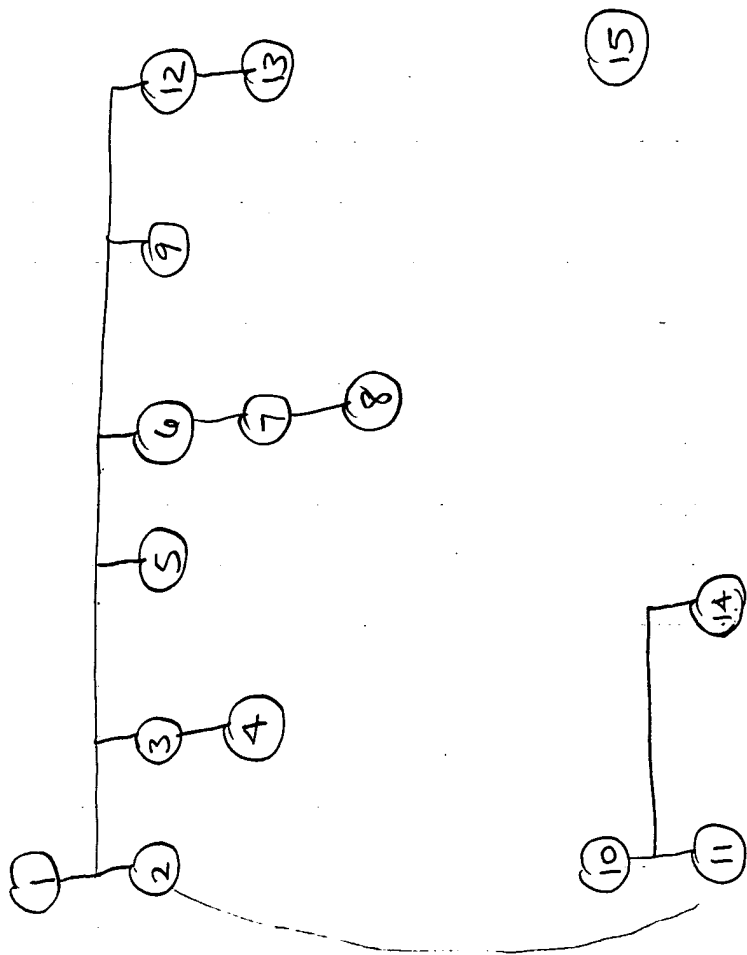
1st Receiver (claim 10)



- Determining sample energy pattern
- Expected energy Pattern based upon hopping pattern
- Compare Sample to Expected
- Determine coarse sync candidate

plurality  
of  
frequencies

# Claim Analysis



Method Receiver Radio

1 x 10 x 15

2 x 11

4 x 12

6 x 14(sync)

# Claim Analysis

Claims	Limitations
2 & 11	Threshold
3	compare based upon hopping
4 & 12	Sample period & uncertainty match?
5	
6	process next Time period if first candidate not a match
7	repeat until candidate found
8	after course frequency fault / repeat steps of claim 1 for a second freq.
9	tuning a plurality of receivers to perform steps of claim 1
13	Sample period $\cong$ first Time period
14	First Time period not a sync candidate Process next portion